

INTAKE QUANTITY CONTROL APPARATUS OF
INTERNAL COMBUSTION ENGINE

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ABSTRACT OF THE DISCLOSURE

10 An intake quantity control apparatus for an internal
combustion engine which controls a valve opening
characteristic and intake pressure to control the intake
quantity more suitably is provided. The apparatus
includes a valve opening characteristic control unit for
controlling a valve opening characteristic, an intake
15 pressure control unit for controlling an intake pressure
and controlling the valve opening characteristic and the
intake pressure so as to control the intake quantity,
comprises a target intake quantity determining unit for
determining a target intake quantity for after elapse of
20 a predetermined time, a unit for determining a range of
valve opening characteristic realizable in a
predetermined time, and a unit for determining a range of
intake pressure realizable in a predetermined time, the
valve opening characteristic and the intake pressure
25 being controlled by the valve opening characteristic
control unit and the intake pressure control unit so as
to become a target valve opening characteristic and
target intake pressure set in the realizable ranges based
on the target intake quantity.